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Title: Unlisted Equipment -- The do's and don'ts

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Unlisted Equipment The Do's and Don'ts

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Questions about "Listed" Equipment

- What is listed equipment?
- Do I need listed equipment?
- What if I don't know?
- What about my old antique?
- Procurement?
- what if I really need this unlisted item?





What is "listed" Equipment?

- When we say "listed" we mean NRTL certified equipment.
- NRTL Nationally Recognized Testing Laboratory. An independent laboratory recognized by the Occupational Safety and Health Administration (OSHA) to test products to applicable product safety standards.
- OSHA requires NRTL listed equipment to be used in comercial settings.





Do I need listed equipment? - YES!

Governing policy P101-13:

5.1.6 Purchasing and Procurement Requirements for Nationally Recognized Testing Laboratory (NRTL)-Listed Equipment

NRTL-listed equipment must be specified, purchased and used if available. For new or replacement equipment, an NRTL-listed product must be purchased instead of an unlisted product if both exist. All NRTL-listed equipment must be used in accordance with any instructions required by the manufacturer included in the listing or labeling for its intended purpose. Otherwise, the equipment must be treated as unlisted and must be approved per the requirements in this document.

5.1.1 Summary

A. All electrical equipment that contains or produces hazardous electrical energy (classes X.2 and above) used at LANL must be listed by a Nationally Recognized Testing Laboratory (NRTL) or approved by an Electrical Safety Officer (ESO) before use. NRTL listed equipment that has been modified or used outside of its intended use (as determined by the listing) must also be approved by an ESO

before use.

UNCLASSIFIED



How do I know if equipment is NRTL listed?

Underwriters Laboratories (UL)





























(FM)









User Notes

- NRTL = Nationally Recognized Testing Laboratory
- listed from most common to least - The NRTL mark is often found near
- the power cord where it enters the equipment
- If it plugs into the wall at home or in the office, it should have one of these marks, otherwise, do not use it
- Teach your family and friends to look for these marks before purchase
- CE is NOT an NRTL mark



Applied Research Laboratories (ARL)



Communication Certification Lab (CCL)









Electrical Reliability Services (ETI)





How do I know if equipment is NRTL listed?

TUV Rheinland of North America (TUV)







National Technical Systems



Entela



Southwest Research Institute (SWRI)



MET Laboratories. Inc. (MET)





SGW U.S. Testing Company (USTC)







NSF International (NSF)







http://www.lanl.gov/safety/electrical/

contact your electrical safety matter expert

Curtis-Straus LLC (CSL)







May 12, 2008





I really really need it !!!

- Absolutely need the item!
- Can't find it anywhere as listed item.
- What am I going to do?
- Take a deep breath and call your ESO
- The ESO will examine the item and if possible approve your equipment.



Fig. 5-1. Current LANL Equipment Approval Label



Fig. 5-2. Other variations of the LANL Equipment Approval Label





Tips And Tricks

- Number one helpful thing: Communicate with your ESO.
- Involve the ESO BEFORE you purchase.
 - The ESO will help you with the right product.
 - The ESO will advise you on work safety documentations.
- Know your ESO got to esc.lanl.gov for a list of ESOs.
- When in doubt call the subject matter expert or the person who knows the SME's phone number.



